

AMENDMENTS TO THE ABSTRACT

Please amend the paragraph beginning at page 35, line 4, as follows:

A receiver ~~102~~ connected to a plurality of reception antennas ~~121~~ and ~~122~~ includes a propagation path correlation estimation circuit ~~108~~. The propagation path correlation estimation circuit calculates a correlation value of each propagation path between each of the transmission antennas ~~111~~ and ~~112~~ and each of the reception antennas and transmits the calculation result as propagation path correlation information (S_{COR}). A transmitter ~~101~~ connected to a plurality of transmission antennas includes a spread code assigning circuit ~~106~~. According to the propagation path correlation information, the spread code assigning circuit assigns only spread codes orthogonal to each other for the transmission antenna corresponding to a correlation value exceeding a threshold value and, for a transmission antenna having no propagation path of a correlation value exceeding the threshold value, assigns a spread code without considering orthogonality to a spread code in the other transmission antenna.